

Amendments to the Specification:

Please replace the paragraph beginning at p. 19, line 25 with the following amended paragraph.

First, a glass flat sheet, not shown, on which stripe-like electrodes are arranged in a predetermined pattern, is prepared and is then set to a stool. Next, as shown in Fig. 9(A), the flexible mold 20 of the invention having the groove pattern on its surface is put at a predetermined position of the flat glass sheet 51, and the flat glass sheet 51 and the ~~forming~~ flexible mold 20 are positioned (aligned). Since the ~~forming~~ flexible mold 20 is transparent, its positioning with the electrodes on the flat glass sheet 51 is easy. Hereinafter, detailed explanation will be given. This positioning may be conducted with eye or by use of a sensor such as a CCD camera, for example. In this instance, the groove portions of the ~~forming~~ flexible mold 20 and the gaps between the adjacent electrodes on the flat glass sheet 31 may be brought into conformity by adjusting the temperature and the humidity, whenever necessary. Generally, the ~~forming~~ flexible mold 20 and the flat glass sheet 51 undergo extension and contraction in accordance with the change of the temperature and the humidity, and the extents are mutually different. Therefore, after positioning of the flat glass sheet 51 and the ~~forming~~ flexible mold 20 is completed, control is so made as to keep the temperature and the humidity at that time constant. Such a controlling method is particularly effective for producing a PDP substrate having a large area.

Please replace the paragraph beginning at p. 23, line 25 with the following amended paragraph.

Example 1

Production of master mold for duplicating PDP ribs:

An aluminum sheet having a thickness of 5 mm, a width of 100 mm and a length of 100 mm was prepared to use it as a pattern support layer of a master mold. A thin film of a Ni-Al alloy was deposited to a film thickness of 50 μm to one of the surfaces of the aluminum sheet. Next, a film of a ceramic layer was plasma sprayed to a thickness of 200 μm on the Ni-Al alloy on the aluminum sheet so prepared. The ceramic layer was to operate as a pattern formation layer for forming a projection pattern corresponding to a grid-like rib pattern, and ceramic used hereby was MgO-SiO₂.